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| FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT | | | | ATTY. DOCKET NO. 2060.0110001/EKS/HCC/M-M | | APPLICATION NO. 09/633,364 | |
| | | | | APPLICANT Fikes et al. | | | |
| | | | | FILING DATE August 8, 2000 | | GROUP 1642 | |

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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
| SR ↓ | AA1 | 5,662,907 | 09/02/1997 | Kubo et al. | / | / | 01/25/1994 |
| | AB1 | 5,780,036 | 07/14/1998 | Chisari | | | 04/04/1995 |
| | AC1 | 5,788,969 | 08/04/1998 | Chisari | | | 06/05/1995 |
| | AD1 | 5,932,224 | 08/03/1999 | Chisari | | | 06/06/1995 |
| | AE1 | 6,037,135 | 03/14/2000 | Kubo et al. | | | 11/29/1993 |
| | AF1 | 6,235,288 | 05/22/2001 | Chisari | | | 06/05/1995 |
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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
| SR ↓ | AL1 | WO 94/03205 | 02/17/1994 | WIPO | / | / | Yes |
| | | | | | | | No |
| | AM1 | WO 94/20127 | 09/15/1994 | WIPO | | | Yes |
| | | | | | | | No |
| | AN1 | WO 95/22317 | 08/24/1995 | WIPO | | | Yes |
| | | | | | | | No |
| AO1 | WO 96/40754 | 12/19/1996 | WIPO | Yes | | | |
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| AP1 | WO 97/29199 | 08/14/1997 | WIPO | Yes | | | |
| | | | | No | | | |

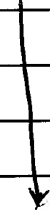
| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | |
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| SR ↓ | AR | 1 | Carreno, B.M., et al., "HLA-B37 and HLA-A2.1 molecules bind largely nonoverlapping sets of peptides," <i>Proc. Natl. Acad. Sci. USA</i> 87:3420-3424, National Academy of Sciences (1990) |
| | AS | 1 | Celis, E., et al., "Induction of anti-tumor cytotoxic T lymphocytes in normal humans using primary cultures and synthetic peptide epitopes," <i>Proc. Natl. Acad. Sci. USA</i> 91:2105-2109, National Academy of Sciences (1994) |
| | AT | 1 | Corman, J.M., et al., "Recognition of prostate-specific antigenic peptide determinants by human CD4 and CD8 T cells," <i>Clin. Exp. Immunol.</i> 114:166-172, Blackwell Science (November 1998) |

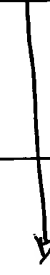
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| SR  | AL2 | WO 98/10292 | 03/12/1998 | WIPO | / | / | Yes |
| | | | | | | | No |
| | AM2 | WO 99/41275 | 08/19/1999 | WIPO | | | Yes |
| | | | | | | | No |
| | AN2 | WO 99/45954 | 09/16/1999 | WIPO | | | Yes |
| | | | | No | | | |
| AO2 | WO 00/06723 | 02/10/2000 | WIPO | Yes | | | |
| | | | | No | | | |
| AP2 | WO 01/45728 A2 | 06/28/2001 | WIPO | Yes | | | |
| | | | | No | | | |

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| SR  | AR | 2 | Darson, M.F., et al., "Human Glandular Kallikrein 2 (hK2) Expression in Prostatic Intraepithelial Neoplasia and Adenocarcinoma: A Novel Prostate Cancer Marker," <i>Urology</i> 49:857-862, Elsevier Science, Inc. (1997) |
| | AS | 2 | DiBrino, M., et al., "Endogenous peptides bound to HLA-A3 possess a specific combination of anchor residues that permit identification of potential antigenic peptides," <i>Proc. Natl. Acad. Sci. USA</i> 90:1508-1512, National Academy of Sciences (1993) |
| | AT | 2 | Engelhard, V.H., "Structure of peptides associated with MHC class I molecules," <i>Curr. Opin. Immunol.</i> 6:13-23, Current Biology (1994) |

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| | AP | | | | | | Yes No |

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| SR | AR | 3 | Falk, K., et al., "Allele-specific motifs revealed by sequencing of self-peptides eluted from MHC molecules," <i>Nature</i> 351:290-296, Macmillan Publishers (1991) |
| | AS | 3 | Falk, K., et al., "Peptide motifs of HLA-B35 and -B37 molecules," <i>Immunogen.</i> 38:161-162, Springer-Verlag (1993) |
| | AT | 3 | Falk, K., "Allele-specific peptide ligand motifs of HLA-C molecules," <i>Proc. Natl. Acad. Sci. USA</i> 90:12005-12009, National Academy of Sciences (1993) |

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| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | |
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| SR ↓ | AR | 4 | Falk, K., et al., "Pool sequencing of natural HLA-DR, DQ, and DP ligands reveals detailed peptide motifs, constraints of processing, and general rules," <i>Immunogen.</i> 39:230-242, Springer-Verlag (1994) |
| | AS | 4 | Falk, K., et al., "Peptide motifs of HLA-A1, -A11, -A31, and -A33 molecules," <i>Immunogen.</i> 40:238-241, Springer-Verlag (1994) |
| | AT | 4 | Henderson, R.A., et al., "HLA-A2.1-Associated Peptides from a Mutant Cell Line: A Second Pathway of Antigen Presentation," <i>Science</i> 255:1264-1266, American Association for the Advancement of Science (1992) |

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| | AS | 5 | Huczko, E.L., et al., "Characteristics of Endogenous Peptides Eluted from the Class I MHC Molecule HLA-B7 Determined by Mass Spectrometry and Computer Modeling," <i>J. Immunol.</i> 151:2572-2587, The American Association of Immunologists (1993) |
| | AT | 5 | Hwang, L.C., et al., "Prostate Cancer Vaccines: Current Status," <i>Sem. Oncol.</i> 26:192-201, W.B. Saunders (April 1999) |

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| | AP | | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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| SR | AR | 6 | Hunt, D.F., et al., "Characterization of Peptides Bound to the Class I MHC Molecule HLA-A2.1 by Mass Spectrometry," <i>Science</i> 255:1261-1263, American Association for the Advancement of Science (1992) |
| | AS | 6 | Jardetzky, T.S., et al., "Identification of self peptides bound to purified HLA-B27," <i>Nature</i> 353:326-329, Macmillan Publishers (1991) |
| | AT | 6 | Krieger, J.I., et al., "Single Amino Acid Changes in DR and Antigen Define Residues Critical for Peptide-MHC Binding and T Cell Recognition," <i>J. Immunol.</i> 146:2331-2340, The American Association of Immunologists (1991) |

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| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | |
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| SR ↓ | AR | 7 | Morrison, J., et al., "Identification of the nonamer peptide from influenza A matrix protein and the role of pockets of HLA-A2 in its recognition by cytotoxic T lymphocytes," <i>Eur. J. Immunol.</i> 22:903-907, VCH Verlagsgesellschaft mbH (1992) |
| | AS | 7 | Murphy, G., et al., "Phase I Clinical Trial: T-Cell Therapy for Prostate Cancer Using Autologous Dendritic Cells Pulsed With HLA-A0201-Specific Peptides from Prostate-Specific Membrane Antigen," <i>Prostate</i> 29:371-380, Wiley-Liss, Inc. (1996) |
| | AT | 7 | Parker, K.C., et al., "Peptide Binding to HLA-A2 and HLA-B27 Isolated from <i>Escherichia coli</i> ," <i>J. Biol. Chem.</i> 267:5451-5459, American Society for Biochemistry and Molecular Biology (1992) |

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| SR ↓ | AR | 8 | Parker, K.C., et al., "Sequence Motifs Important for Peptide Binding to the Human MHC Class I Molecule HLA-A2," <i>J. Immunol.</i> 149:2580-2587, The American Association of Immunologists (1992) |
| | AS | 8 | Peshwa, M.V., et al., "Induction of Prostate Tumor-Specific CD8 ⁺ Cytotoxic T-Lymphocytes In Vitro Using Antigen-Presenting Cells Pulsed With Prostatic Acid Phosphatase Peptide," <i>Prostate</i> 36:129-138, Wiley-Liss, Inc. (July 1998) |
| | AT | 8 | Rammensee, H.-G., et al., "Peptides Naturally Presented By MHC Class I Molecules," <i>Annu. Rev. Immunol.</i> 11:213-244, Annual Reviews, Inc. (1993) |

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| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | |
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| | AS | 2 | Rothbard, J.B., "Major histocompatibility complex-peptide interactions," <i>Curr. Opin. Immunol.</i> 2:99-105, Current Science Ltd. (1989) |
| | AT | 2 | Ruppert, J., et al., "Prominant Role of Secondary Anchor Residues in Peptide Binding to HLA-A2.1 molecules," <i>Cell</i> 74:929-937, Cell Press (1993) |

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| EXAMINER J R | DATE CONSIDERED 11/15/03 |
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| | AL | | | | | | Yes No |
| | AM | | | | | | Yes No |
| | AN | | | | | | Yes No |
| | AO | | | | | | Yes No |
| | AP | | | | | | Yes No |

| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | |
|--|----|----|--|
| SR ↓ | AR | 10 | Sette, A., et al., "Random Association Between the Peptide Repertoire of A2.1 Class I and Several Different DR Class II Molecules," <i>J. Immunol.</i> 147:3893-3900, The American Association of Immunologists (1991) |
| | AS | 10 | Shimojo, N., "Specificity of Peptide Binding by the HLA-A2.1 Molecule," <i>J. Immunol.</i> 143:2939-2947, The American Association of Immunologists (1989) |
| | AT | 10 | Sidney, J., et al., "Specificity and Degeneracy in Peptide Binding to HLA-B7-Like Class I Molecules," <i>J. Immunol.</i> 157:3480-3490, The American Association of Immunologists (1996) |

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| EXAMINER / ~ | DATE CONSIDERED 1/15/03 |
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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| FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u> | | | | ATTY. DOCKET NO. 2060.0110001/EKS/HCC/M-M | | APPLICATION NO. 09/633,364 | |
| | | | | APPLICANT Fikes et al. | | | |
| | | | | FILING DATE August 8, 2000 | | GROUP 1642 | |

| U.S. PATENT DOCUMENTS | | | | | | | |
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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
| | AA | | | | | | |
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| | AN | | | | | | Yes No |
| | AO | | | | | | Yes No |
| | AP | | | | | | Yes No |

| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | |
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| SR | AR | 11 | Sidney, J., et al., "The HLA-A *0207 Peptide Binding Repertoire is Limited to a Subset of the A *0201 Repertoire," <i>Human Immunol.</i> 58:12-20, Elsevier Science, Inc. (1997) |
| | AS | 11 | Takahashi, K., et al., "Specific lysis of human immunodeficiency virus type 1-infected cells by a HLA-A3.1-restricted CD8 ⁺ cytotoxic T-lymphocyte clone that recognizes a conserved peptide sequence within the gp41 subunit of the envelope protein," <i>Proc. Natl. Acad. Sci. USA</i> 88:10277-10281, National Academy of Sciences (1991) |
| | AT | 11 | Zhang, Q.-J., et al., "An HLA-A11-specific motif in nonamer peptides derived from viral and cellular proteins," <i>Proc. Natl. Acad. Sci. USA</i> 90:2217-2221, National Academy of Sciences (1993) |

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| EXAMINER | DATE CONSIDERED 1/15/03 |
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| FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT | | | | ATTY. DOCKET NO. 2060.0110001/EKS/HCC/M-M | | APPLICATION NO. 09/633,364 | |
| | | | | APPLICANT Fikes et al. | | | |
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| | AM | | | | | | Yes No |
| | AN | | | | | | Yes No |
| | AO | | | | | | Yes No |
| | AP | | | | | | Yes No |

| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | |
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| SR ↓ | AR | 12 | Zhang, S., et al., "Expression of Potential Target Antigens for Immunotherapy on Primary and Metastatic Prostate Cancers," Clin. Canc. Res. 4:295-302, American Association for Cancer Research (February 1998) |
| | AS | 12 | Co-pending Non-Provisional U.S. Patent Application No. 08/591,502, Chisari et al., filed May 20, 1996, NOT PUBLISHED |
| | AT | 12 | Co-pending Non-Provisional U.S. Patent Application No. 09/863,054, Chisari et al., filed May 21, 2001, NOT PUBLISHED |

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| EXAMINER 12 | DATE CONSIDERED 1/15/03 |
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